

FIG.1a

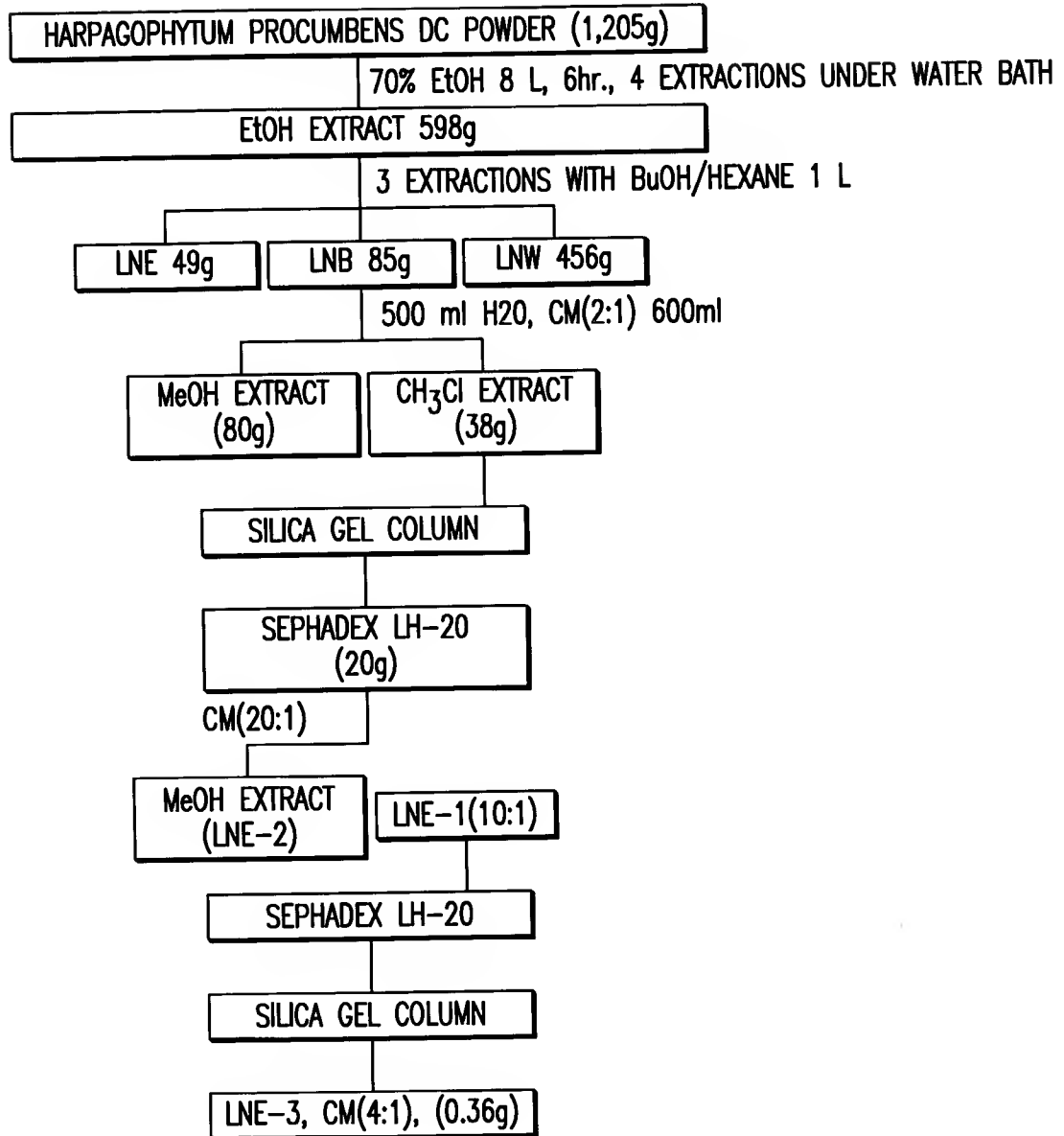


FIG.1b

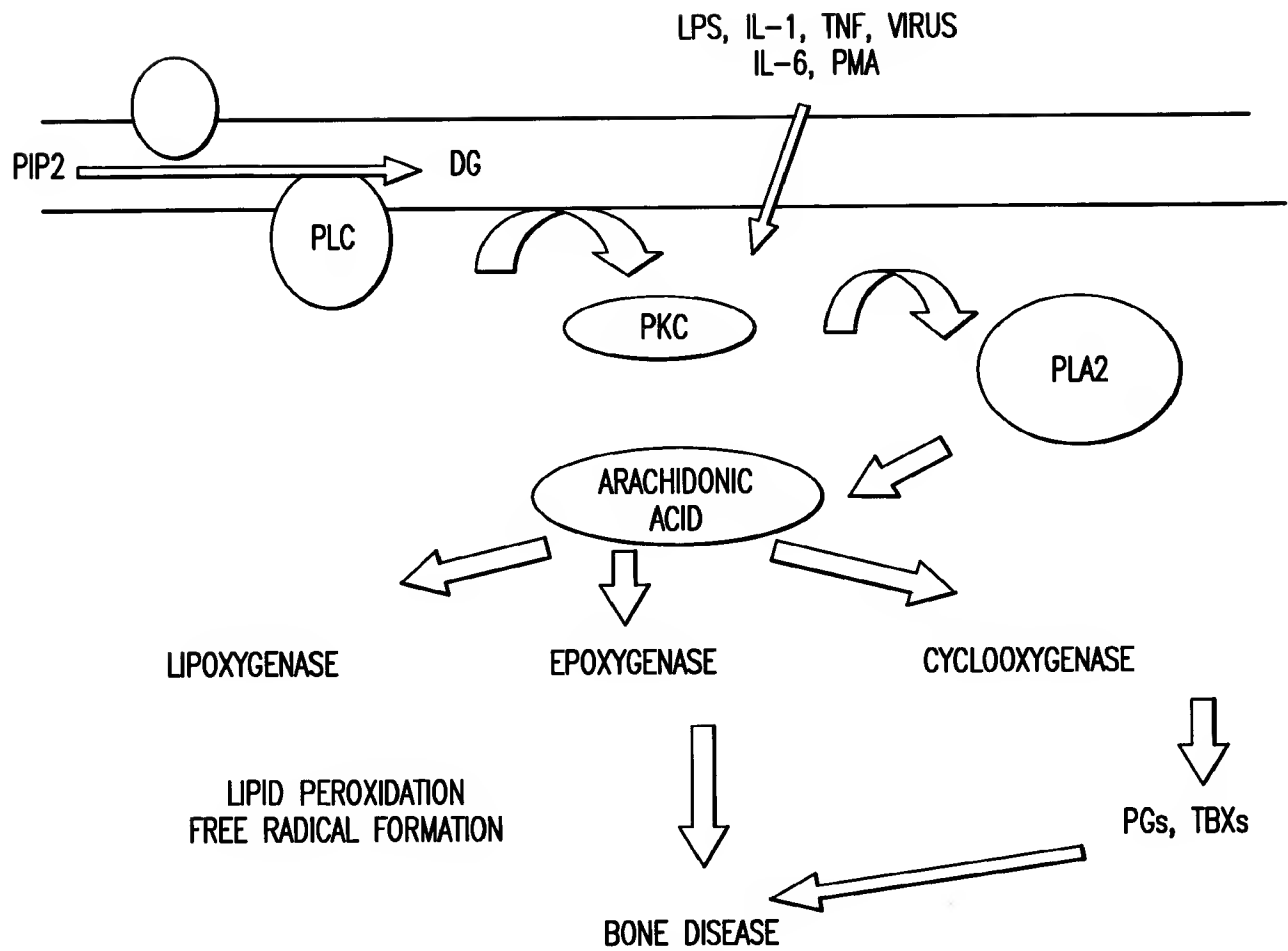
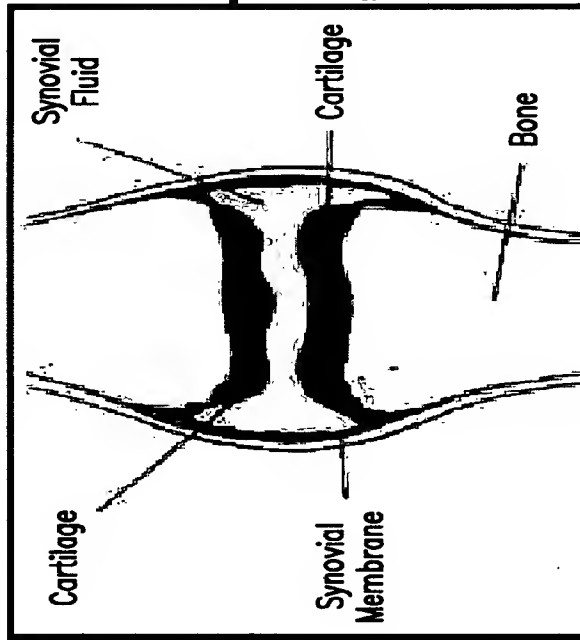
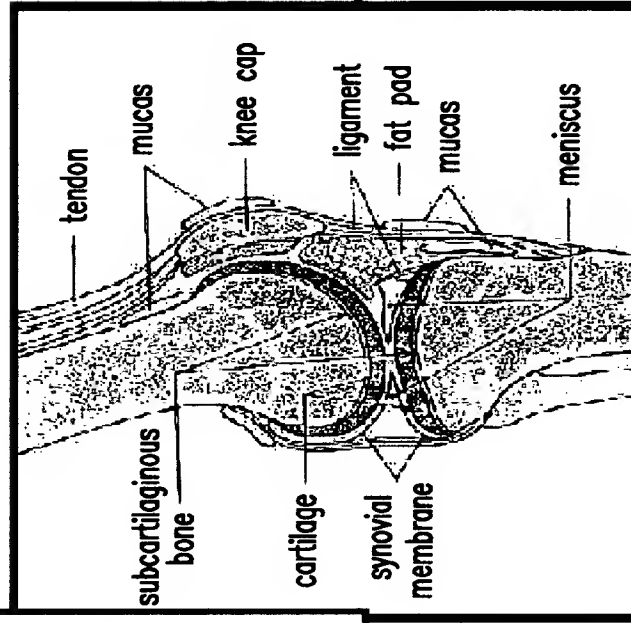


FIG.2a

Joints and Cartilage



normal



Rheumatoid arthritis

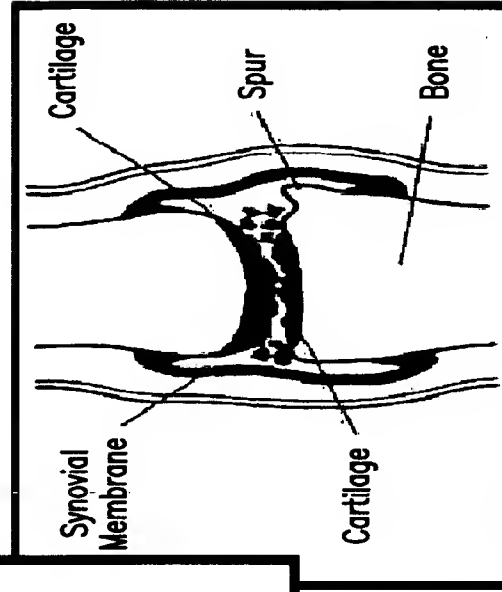


FIG.2b

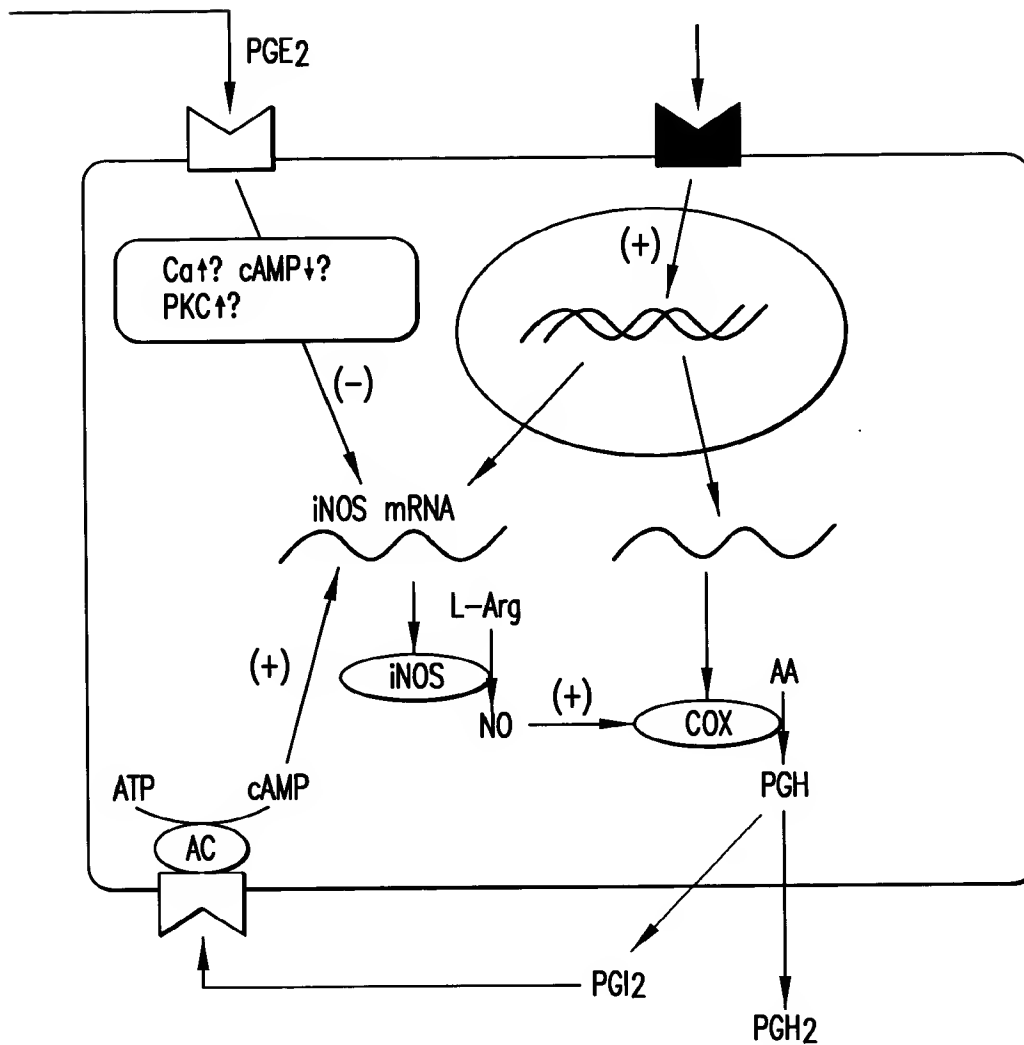
SIGNALLING OF iNOS AND COX-2 EXPRESSION
IN SYNOVIAL FIBROBLAST CELL

FIG.2c

synovial cell culture from rheumatoid arthritis (Ra)

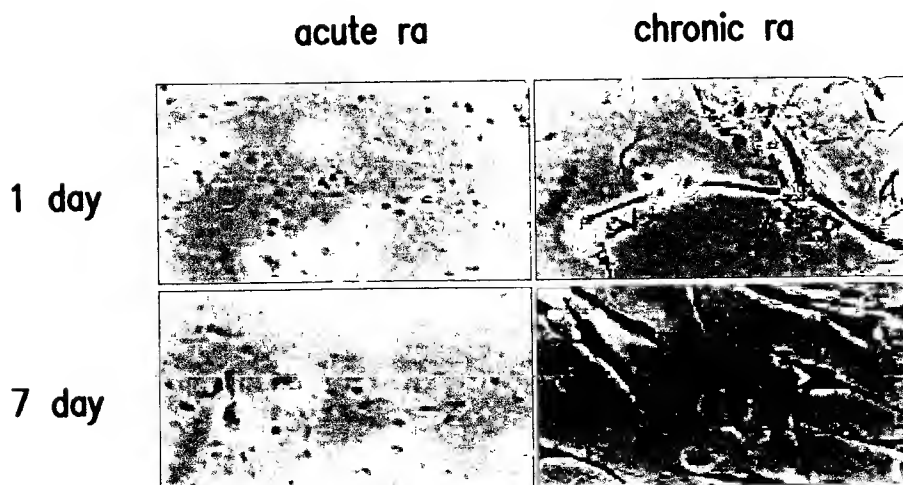


FIG.3

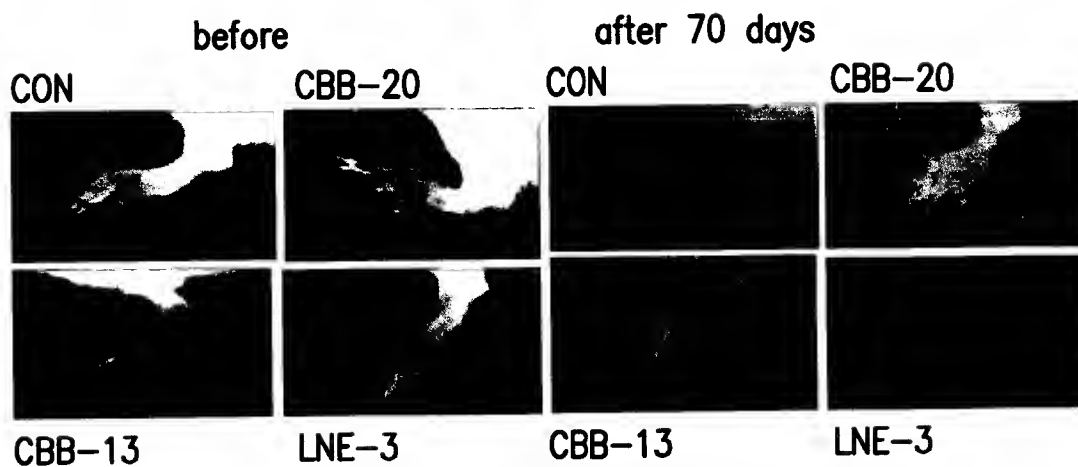
Inhibitory effect of Paw edema for zymosan A
and Freund's Adjuvant

FIG.4

Angiogenic inhibitory effect in CAM by
CBB-13/LNE-3

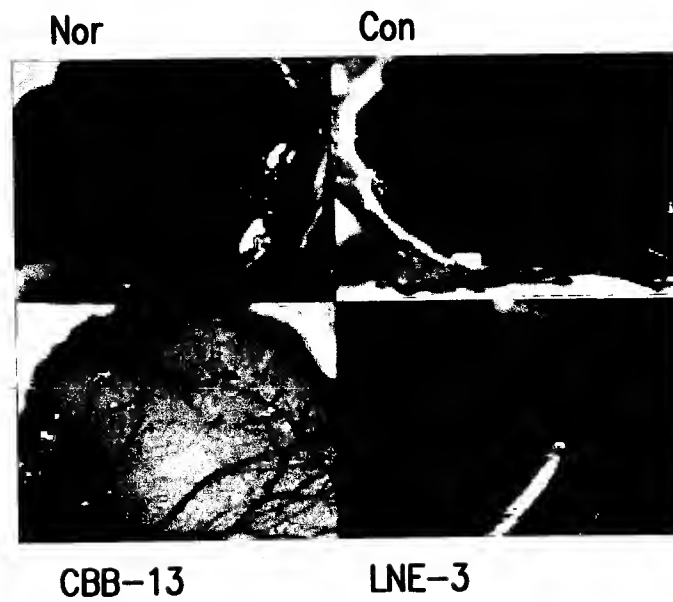


FIG.5

Inhibitory effect of cartilage degradation in joint bone

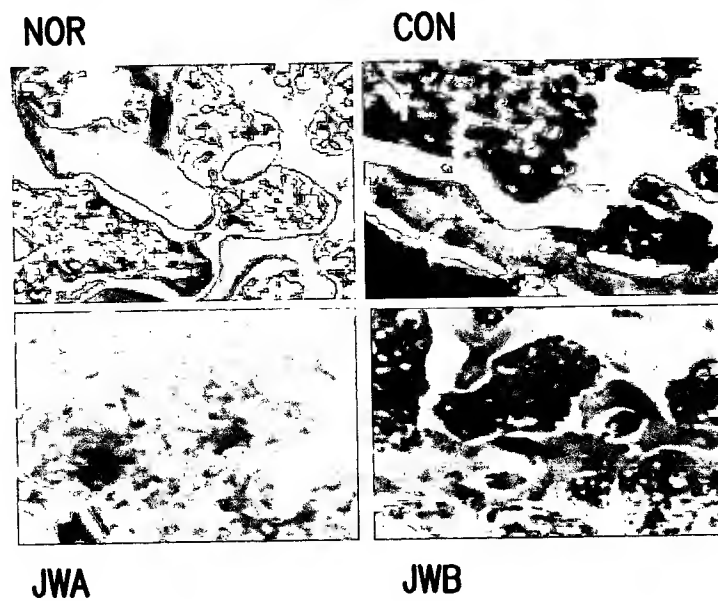


FIG.6

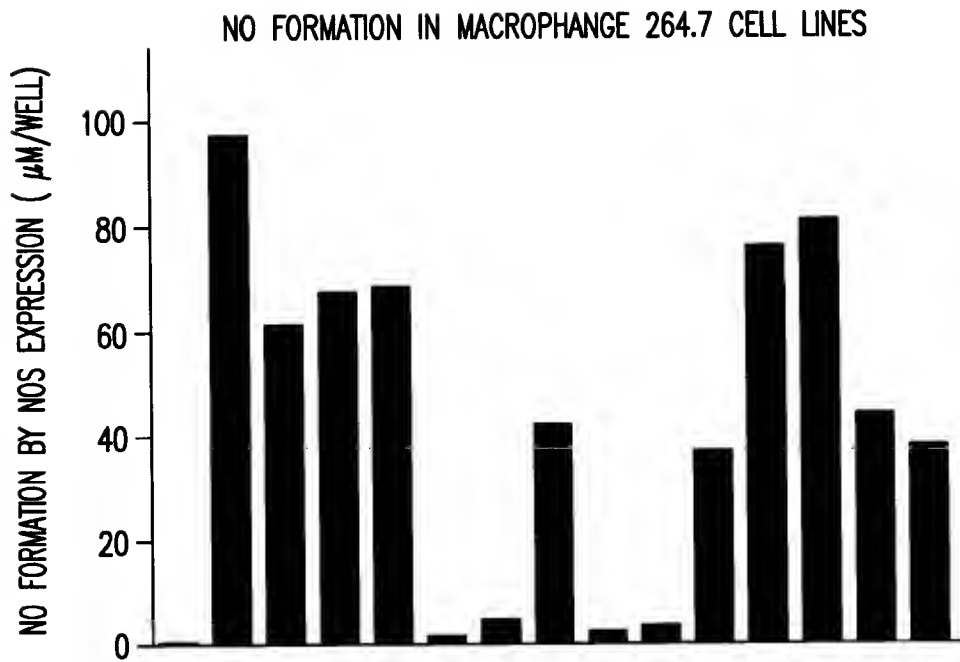


FIG.7a

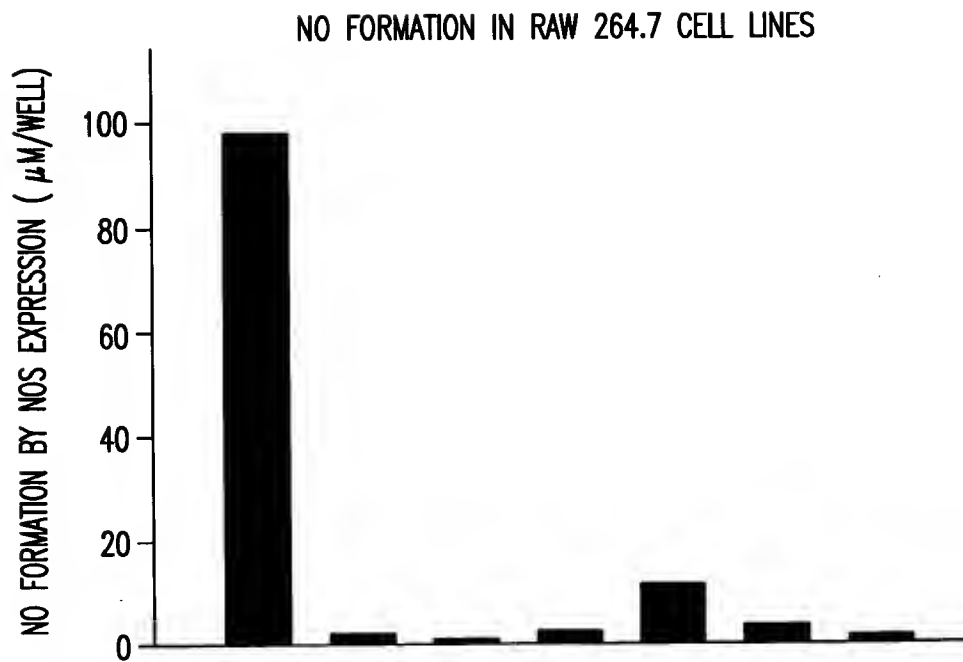


FIG.7b

Mophology pattern of murine macrophage

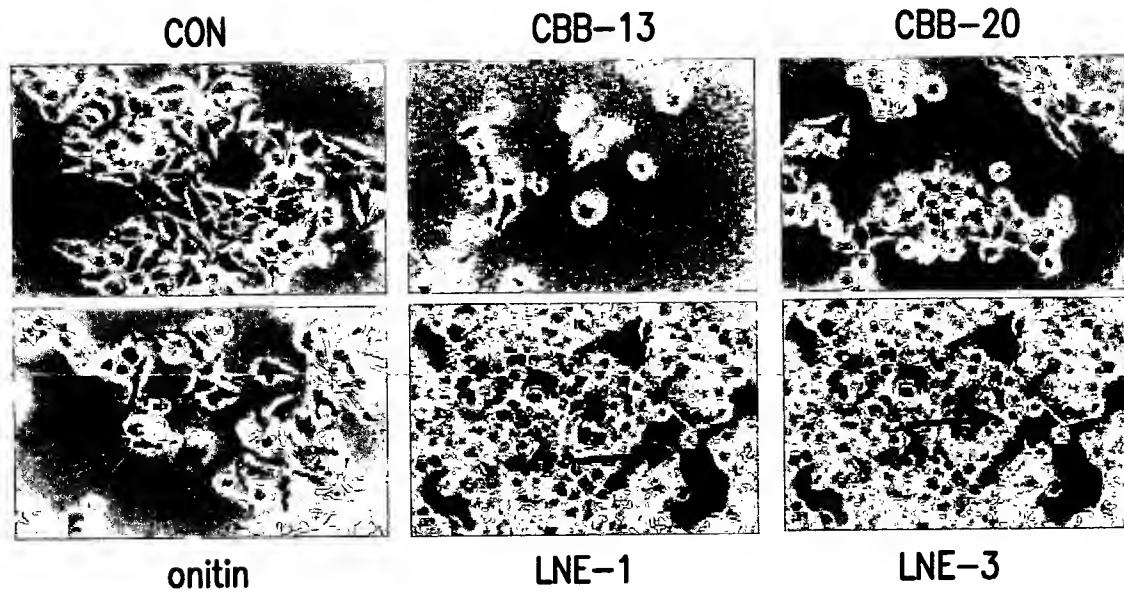


FIG.8a

Apoptosis of synovial fibroblast cell

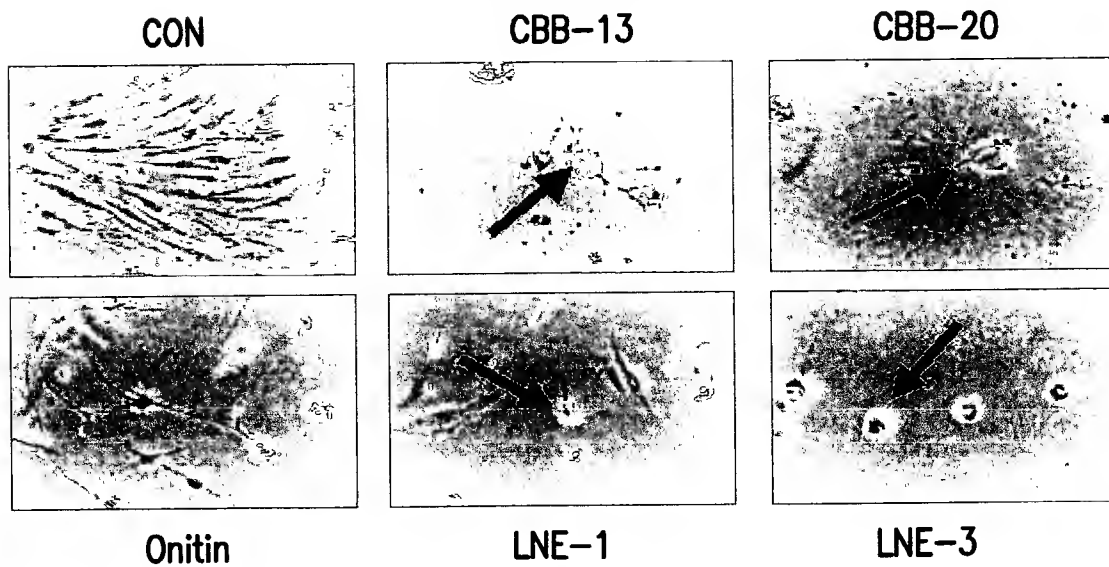


FIG.8b

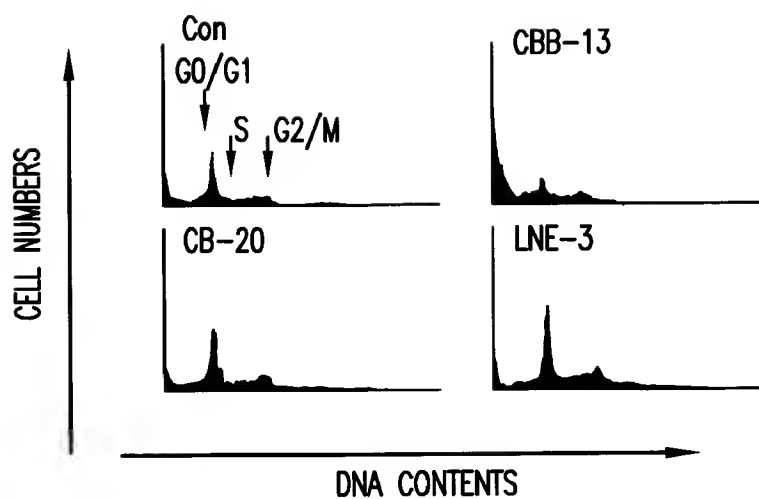


FIG.9a

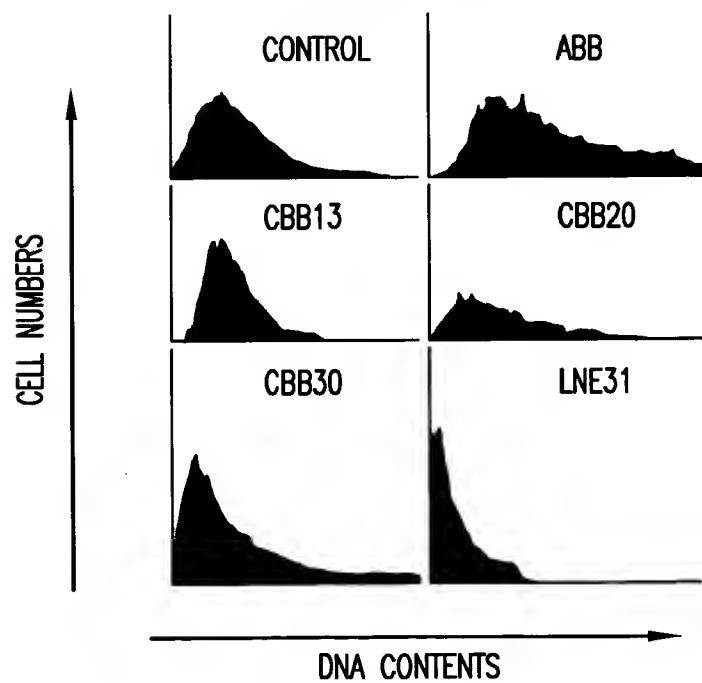
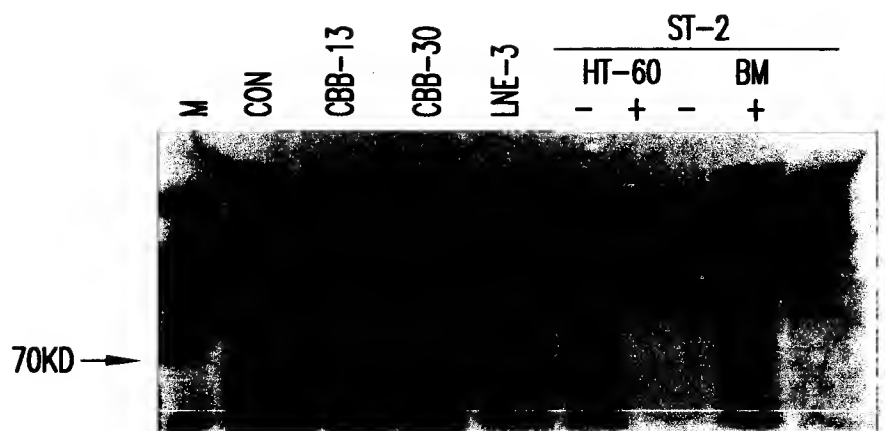
CELL CYCLE IN SYNOVIAL CELL AFTER
DRUG TREATMENT

FIG.9b



INHIBITORY EFFECT OF COX-II EXPRESSION BY SDS-PAGE

FIG.10

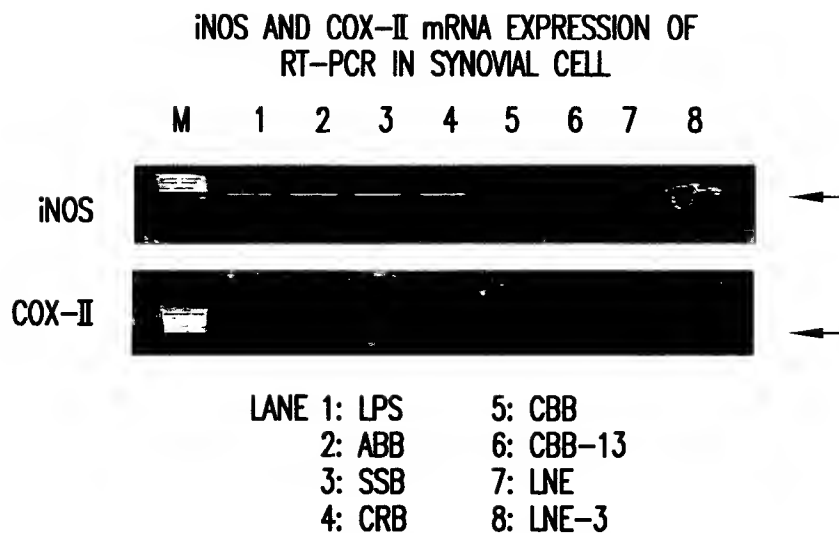


FIG.11a

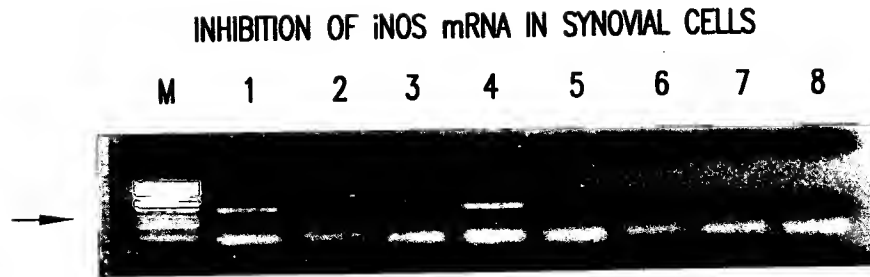


FIG.11b

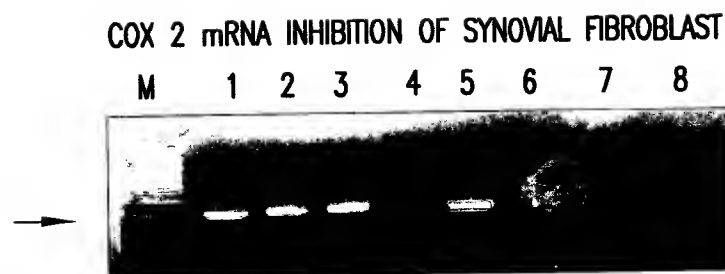


FIG.11c

Immunocytochemistry of COX-II expression in
synovial cell from rheumatoid artheritis patients

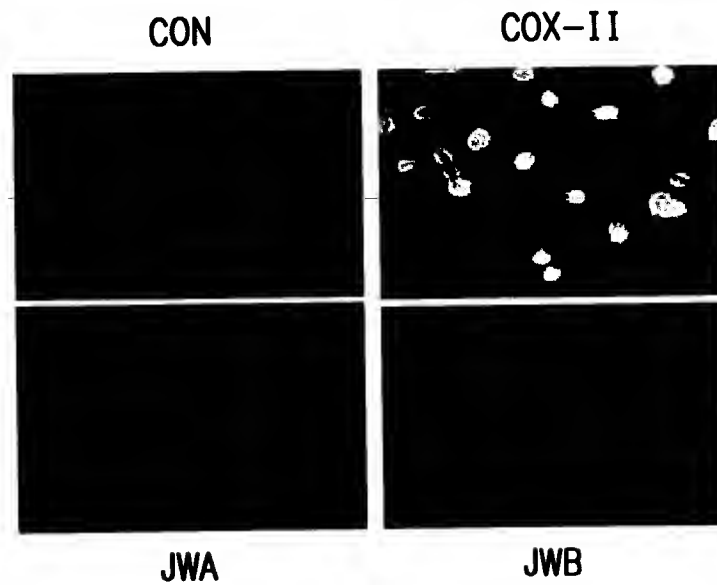


FIG.12

PHOTOGRAPHY OF X-RAY AFTER DRUG DOSE

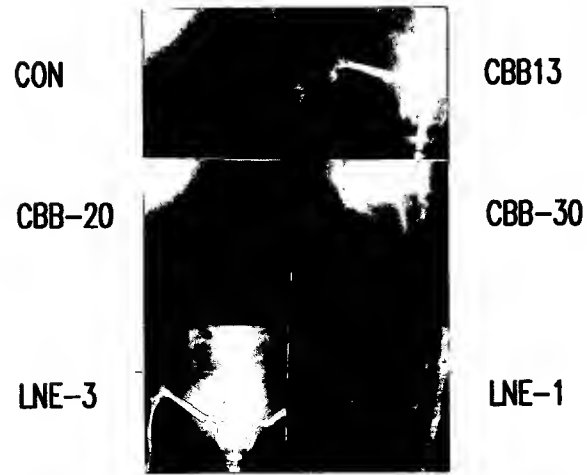


FIG.13

REPAIR EFFECT OF RUPTURED DISC

BEFORE

AFTER



FIG.14

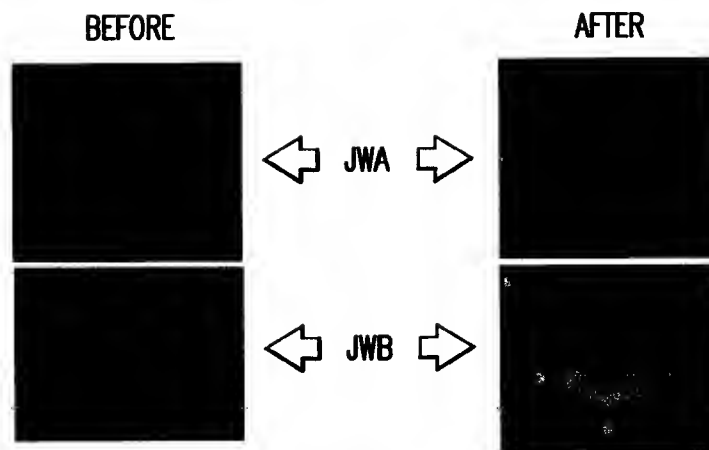


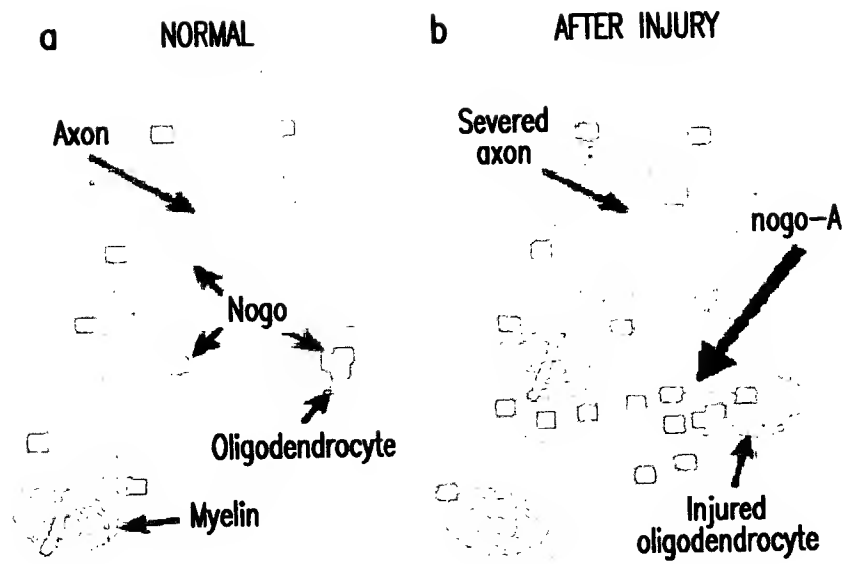
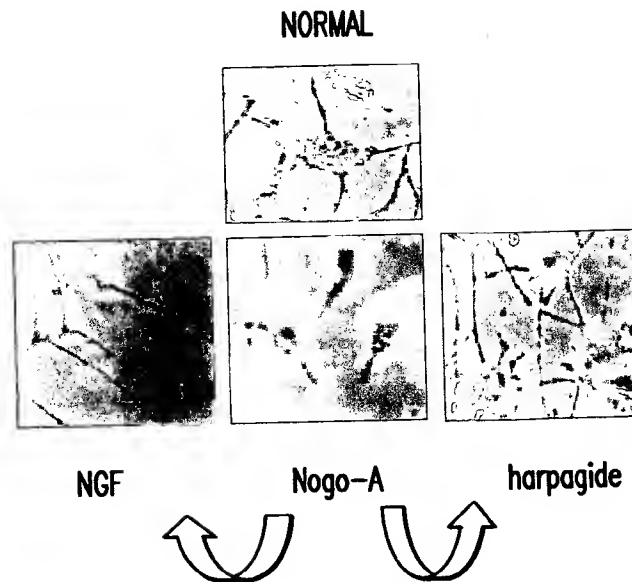
FIG.15

INDUCTION OF AXON DEGENERATION BY Nogo-A
EXPRESSION



INDUCTION OF SPINAL DISC BY
INJURY DAMAGE

FIG.16

**FIG.17****FIG.18b**

Inhibition of axon degeneration



FIG.18a